

# Global Very High Frequency Data Exchange System (VDES) Competitive Landscape Professional Research Report 2025

<https://marketpublishers.com/r/V43A403F3850EN.html>

Date: June 2025

Pages: 165

Price: US\$ 3,500.00 (Single User License)

ID: V43A403F3850EN

## Abstracts

### Market Overview

According to DIResearch's in-depth investigation and research, the global Very High Frequency Data Exchange System (VDES) market size will reach 91.23 Million USD in 2025 and is projected to reach 1,104.14 Million USD by 2032, with a CAGR of 42.79% (2025-2032). Notably, the China Very High Frequency Data Exchange System (VDES) market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

### Research Summary

The Very High Frequency Data Exchange System (VDES) is an advanced maritime communication technology designed to facilitate high-speed, reliable, and secure data exchange between vessels, shore stations, and satellite systems. Operating in the Very High Frequency (VHF) band, VDES offers significantly higher data transfer rates compared to traditional Automatic Identification System (AIS) technology, enabling the transmission of large volumes of data such as navigational information, weather updates, and operational messages in near real-time. VDES integrates AIS functionalities with additional features such as two-way communication, digital broadcasting, and satellite connectivity, providing enhanced situational awareness, improved maritime safety, and greater operational efficiency for maritime stakeholders. The system is designed to support a wide range of applications, including vessel tracking, maritime traffic management, search and rescue operations, environmental monitoring, and maritime cybersecurity, making it a valuable tool for modernizing maritime communication and navigation infrastructure.

The major global suppliers of Very High Frequency Data Exchange System (VDES) include KONGSBERG, Saab, AAC Clyde Space, CML Microsystems, ORBCOMM, Rapid Mobile, etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of Very High Frequency Data Exchange System (VDES). Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major suppliers, as well as the market status and trends of different product types and applications in the global Very High Frequency Data Exchange System (VDES) market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the Very High Frequency Data Exchange System (VDES) market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of Very High Frequency Data Exchange System (VDES) industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Suppliers of Very High Frequency Data Exchange System (VDES) Include:

KONGSBERG

Saab

AAC Clyde Space

CML Microsystems

ORBCOMM

Rapid Mobile

Very High Frequency Data Exchange System (VDES) Product Segment Include:

Less than 25 KHz

Greater than 25 KHz

Very High Frequency Data Exchange System (VDES) Product Application Include:

Maritime Safety Information (MSI) Broadcast

Vessel Traffic Services (VTS) Communications

Search And Rescue (SAR) Communications

Route Exchange

Logistics

Other

## **Chapter Scope**

Chapter 1: Product Research Range, Product Types and Applications, Market Overview, Market Situation and Trends

Chapter 2: Global Very High Frequency Data Exchange System (VDES) Industry PESTEL Analysis

Chapter 3: Global Very High Frequency Data Exchange System (VDES) Industry Porter's Five Forces Analysis

Chapter 4: Global Very High Frequency Data Exchange System (VDES) Major Regional Market Size and Forecast Analysis

Chapter 5: Global Very High Frequency Data Exchange System (VDES) Market Size and Forecast by Type and Application Analysis

Chapter 6: North America Passenger Very High Frequency Data Exchange System (VDES) Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 7: Europe Very High Frequency Data Exchange System (VDES) Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 8: China Very High Frequency Data Exchange System (VDES) Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 9: APAC (Excl. China) Very High Frequency Data Exchange System (VDES) Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 10: Latin America Very High Frequency Data Exchange System (VDES) Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 11: Middle East and Africa Very High Frequency Data Exchange System (VDES) Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 12: Global Very High Frequency Data Exchange System (VDES) Competitive Analysis of Key Suppliers (Revenue, Market Share, Regional Distribution and Industry Concentration)

Chapter 13: Key Company Profiles (Product Portfolio, Revenue and Gross Margin)

Chapter 14: Industrial Chain Analysis, Include Raw Material Suppliers, Distributors and Customers

Chapter 15: Research Findings and Conclusion

Chapter 16: Methodology and Data Sources

## Contents

### **1 VERY HIGH FREQUENCY DATA EXCHANGE SYSTEM (VDES) MARKET OVERVIEW**

- 1.1 Product Definition and Statistical Scope
- 1.2 Very High Frequency Data Exchange System (VDES) Product by Type
  - 1.2.1 Less than 25 KHz
  - 1.2.2 Greater than 25 KHz
- 1.3 Very High Frequency Data Exchange System (VDES) Product by Application
  - 1.3.1 Maritime Safety Information (MSI) Broadcast
  - 1.3.2 Vessel Traffic Services (VTS) Communications
  - 1.3.3 Search And Rescue (SAR) Communications
  - 1.3.4 Route Exchange
  - 1.3.5 Logistics
  - 1.3.6 Other
- 1.4 Global Very High Frequency Data Exchange System (VDES) Market Size Analysis (2020-2032)
- 1.5 Very High Frequency Data Exchange System (VDES) Market Development Status and Trends
  - 1.5.1 Very High Frequency Data Exchange System (VDES) Industry Development Status Analysis
  - 1.5.2 Very High Frequency Data Exchange System (VDES) Industry Development Trends Analysis

### **2 VERY HIGH FREQUENCY DATA EXCHANGE SYSTEM (VDES) MARKET PESTEL ANALYSIS**

- 2.1 Political Factors Analysis
- 2.2 Economic Factors Analysis
- 2.3 Social Factors Analysis
- 2.4 Technological Factors Analysis
- 2.5 Environmental Factors Analysis
- 2.6 Legal Factors Analysis

### **3 VERY HIGH FREQUENCY DATA EXCHANGE SYSTEM (VDES) MARKET PORTER'S FIVE FORCES ANALYSIS**

- 3.1 Competitive Rivalry

- 3.2 Threat of New Entrants
- 3.3 Bargaining Power of Suppliers
- 3.4 Bargaining Power of Buyers
- 3.5 Threat of Substitutes

## **4 GLOBAL VERY HIGH FREQUENCY DATA EXCHANGE SYSTEM (VDES) MARKET ANALYSIS BY REGIONS**

- 4.1 Global Very High Frequency Data Exchange System (VDES) Overall Market: 2024 VS 2025 VS 2032
- 4.2 Global Very High Frequency Data Exchange System (VDES) Revenue and Forecast Analysis (2020-2032)
  - 4.2.1 Global Very High Frequency Data Exchange System (VDES) Revenue and Market Share by Region (2020-2025)
  - 4.2.2 Global Very High Frequency Data Exchange System (VDES) Revenue Forecast by Region (2026-2032)

## **5 GLOBAL VERY HIGH FREQUENCY DATA EXCHANGE SYSTEM (VDES) MARKET SIZE BY TYPE AND APPLICATION**

- 5.1 Global Very High Frequency Data Exchange System (VDES) Market Size by Type (2020-2032)
- 5.2 Global Very High Frequency Data Exchange System (VDES) Market Size by Application (2020-2032)

## **6 NORTH AMERICA**

- 6.1 North America Very High Frequency Data Exchange System (VDES) Market Size and Growth Rate Analysis (2020-2032)
- 6.2 North America Key Suppliers Analysis
- 6.3 North America Very High Frequency Data Exchange System (VDES) Market Size by Type
- 6.4 North America Very High Frequency Data Exchange System (VDES) Market Size by Application
- 6.5 North America Very High Frequency Data Exchange System (VDES) Market Size by Country
  - 6.5.1 US
  - 6.5.2 Canada

## **7 EUROPE**

7.1 Europe Very High Frequency Data Exchange System (VDES) Market Size and Growth Rate Analysis (2020-2032)

7.2 Europe Key Suppliers Analysis

7.3 Europe Very High Frequency Data Exchange System (VDES) Market Size by Type

7.4 Europe Very High Frequency Data Exchange System (VDES) Market Size by Application

7.5 Europe Very High Frequency Data Exchange System (VDES) Market Size by Country

7.5.1 Germany

7.5.2 France

7.5.3 United Kingdom

7.5.4 Italy

7.5.5 Spain

7.5.6 Benelux

## **8 CHINA**

8.1 China Very High Frequency Data Exchange System (VDES) Market Size and Growth Rate Analysis (2020-2032)

8.2 China Key Suppliers Analysis

8.3 China Very High Frequency Data Exchange System (VDES) Market Size by Type

8.4 China Very High Frequency Data Exchange System (VDES) Market Size by Application

## **9 APAC (EXCL. CHINA)**

9.1 APAC (excl. China) Very High Frequency Data Exchange System (VDES) Market Size and Growth Rate Analysis (2020-2032)

9.2 APAC (excl. China) Key Suppliers Analysis

9.3 APAC (excl. China) Very High Frequency Data Exchange System (VDES) Market Size by Type

9.4 APAC (excl. China) Very High Frequency Data Exchange System (VDES) Market Size by Application

9.5 APAC (excl. China) Very High Frequency Data Exchange System (VDES) Market Size by Country

9.5.1 Japan

9.5.2 South Korea

9.5.3 India

9.5.4 Australia

9.5.5 Southeast Asia

## **10 LATIN AMERICA**

10.1 Latin America Very High Frequency Data Exchange System (VDES) Market Size and Growth Rate Analysis (2020-2032)

10.2 Latin America Key Suppliers Analysis

10.3 Latin America Very High Frequency Data Exchange System (VDES) Market Size by Type

10.4 Latin America Very High Frequency Data Exchange System (VDES) Market Size by Application

10.5 Latin America Very High Frequency Data Exchange System (VDES) Market Size by Country

10.5.1 Mexico

10.5.2 Brazil

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Very High Frequency Data Exchange System (VDES) Market Size and Growth Rate Analysis (2020-2032)

11.2 Middle East & Africa Key Suppliers Analysis

11.3 Middle East & Africa Very High Frequency Data Exchange System (VDES) Market Size by Type

11.4 Middle East & Africa Very High Frequency Data Exchange System (VDES) Market Size by Application

11.5 Middle East & Africa Very High Frequency Data Exchange System (VDES) Market Size by Country

11.5.1 Saudi Arabia

11.5.2 South Africa

## **12 COMPETITION BY SUPPLIERS**

12.1 Global Very High Frequency Data Exchange System (VDES) Market Revenue by Key Suppliers (2021-2025)

12.2 Very High Frequency Data Exchange System (VDES) Competitive Landscape Analysis and Market Dynamic

12.2.1 Very High Frequency Data Exchange System (VDES) Competitive Landscape

## Analysis

12.2.2 Global Key Suppliers Headquarter Location and Key Area Sales

12.2.3 Market Dynamic

## **13 KEY COMPANIES ANALYSIS**

### 13.1 KONGSBERG

13.1.1 KONGSBERG Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.1.2 KONGSBERG Very High Frequency Data Exchange System (VDES) Product Portfolio

13.1.3 KONGSBERG Very High Frequency Data Exchange System (VDES) Market Data Analysis (Revenue, Gross Margin and Market Share) (2021-2025)

### 13.2 Saab

13.2.1 Saab Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.2.2 Saab Very High Frequency Data Exchange System (VDES) Product Portfolio

13.2.3 Saab Very High Frequency Data Exchange System (VDES) Market Data Analysis (Revenue, Gross Margin and Market Share) (2021-2025)

### 13.3 AAC Clyde Space

13.3.1 AAC Clyde Space Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.3.2 AAC Clyde Space Very High Frequency Data Exchange System (VDES) Product Portfolio

13.3.3 AAC Clyde Space Very High Frequency Data Exchange System (VDES) Market Data Analysis (Revenue, Gross Margin and Market Share) (2021-2025)

### 13.4 CML Microsystems

13.4.1 CML Microsystems Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.4.2 CML Microsystems Very High Frequency Data Exchange System (VDES) Product Portfolio

13.4.3 CML Microsystems Very High Frequency Data Exchange System (VDES) Market Data Analysis (Revenue, Gross Margin and Market Share) (2021-2025)

### 13.5 ORBCOMM

13.5.1 ORBCOMM Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.5.2 ORBCOMM Very High Frequency Data Exchange System (VDES) Product Portfolio

13.5.3 ORBCOMM Very High Frequency Data Exchange System (VDES) Market Data

Analysis (Revenue, Gross Margin and Market Share) (2021-2025)

### 13.6 Rapid Mobile

13.6.1 Rapid Mobile Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.6.2 Rapid Mobile Very High Frequency Data Exchange System (VDES) Product Portfolio

13.6.3 Rapid Mobile Very High Frequency Data Exchange System (VDES) Market Data Analysis (Revenue, Gross Margin and Market Share) (2021-2025)

## **14 INDUSTRY CHAIN ANALYSIS**

14.1 Very High Frequency Data Exchange System (VDES) Industry Chain Analysis

14.2 Very High Frequency Data Exchange System (VDES) Typical Downstream Customers

14.3 Very High Frequency Data Exchange System (VDES) Sales Channel Analysis

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 METHODOLOGY AND DATA SOURCE**

16.1 Methodology/Research Approach

16.2 Research Scope

16.3 Benchmarks and Assumptions

16.4 Data Source

16.4.1 Primary Sources

16.4.2 Secondary Sources

16.5 Data Cross Validation

16.6 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1: Global Very High Frequency Data Exchange System (VDES) Market Size Growth Rate by Type, 2024 VS 2025 VS 2032 (US\$ Million)

Table 2: Global Very High Frequency Data Exchange System (VDES) Market Size Growth Rate by Application, 2024 VS 2025 VS 2032 (US\$ Million)

Table 3: Very High Frequency Data Exchange System (VDES) Industry Development Status

Table 4: Very High Frequency Data Exchange System (VDES) Industry Development Trends

Table 5: Global Very High Frequency Data Exchange System (VDES) Market Size by Region in US\$ Million: 2024 VS 2025 VS 2032

Table 6: Global Very High Frequency Data Exchange System (VDES) Revenue by Region (2020-2025) & (US\$ Million)

Table 7: Global Very High Frequency Data Exchange System (VDES) Revenue Market Share by Region (2020-2025)

Table 8: Global Very High Frequency Data Exchange System (VDES) Revenue Forecast by Region (2026-2032) & (US\$ Million)

Table 9: Global Very High Frequency Data Exchange System (VDES) Revenue Market Share Forecast by Region (2026-2032)

Table 10: Global Very High Frequency Data Exchange System (VDES) Revenue Analysis by Type (2020-2025) & (US\$ Million)

Table 11: Global Very High Frequency Data Exchange System (VDES) Revenue Analysis Forecast by Type (2026-2032) & (US\$ Million)

Table 12: Global Very High Frequency Data Exchange System (VDES) Revenue Analysis by Application (2020-2025) & (US\$ Million)

Table 13: Global Very High Frequency Data Exchange System (VDES) Revenue Analysis Forecast by Application (2026-2032) & (US\$ Million)

Table 14: Key Very High Frequency Data Exchange System (VDES) Players in North America

Table 15: North America Very High Frequency Data Exchange System (VDES) Revenue by Type (2020-2025) & (US\$ Million)

Table 16: North America Very High Frequency Data Exchange System (VDES) Revenue by Type (2026-2032) & (US\$ Million)

Table 17: North America Very High Frequency Data Exchange System (VDES) Revenue by Application (2020-2025) & (US\$ Million)

Table 18: North America Very High Frequency Data Exchange System (VDES)

Revenue by Application (2026-2032) & (US\$ Million)

Table 19: North America Very High Frequency Data Exchange System (VDES)

Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 20: North America Very High Frequency Data Exchange System (VDES)

Revenue Market Size by Country (2026-2032) & (US\$ Million)

Table 21: Key Very High Frequency Data Exchange System (VDES) Players in Europe

Table 22: Europe Very High Frequency Data Exchange System (VDES) Revenue by Type (2020-2025) & (US\$ Million)

Table 23: Europe Very High Frequency Data Exchange System (VDES) Revenue by Type (2026-2032) & (US\$ Million)

Table 24: Europe Very High Frequency Data Exchange System (VDES) Revenue by Application (2020-2025) & (US\$ Million)

Table 25: Europe Very High Frequency Data Exchange System (VDES) Revenue by Application (2026-2032) & (US\$ Million)

Table 26: Europe Very High Frequency Data Exchange System (VDES) Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 27: Europe Very High Frequency Data Exchange System (VDES) Revenue Market Size by Country (2026-2032) & (US\$ Million)

Table 28: Key Very High Frequency Data Exchange System (VDES) Players in China

Table 29: China Very High Frequency Data Exchange System (VDES) Revenue by Type (2020-2025) & (US\$ Million)

Table 30: China Very High Frequency Data Exchange System (VDES) Revenue by Type (2026-2032) & (US\$ Million)

Table 31: China Very High Frequency Data Exchange System (VDES) Revenue by Application (2020-2025) & (US\$ Million)

Table 32: China Very High Frequency Data Exchange System (VDES) Revenue by Application (2026-2032) & (US\$ Million)

Table 33: Key Very High Frequency Data Exchange System (VDES) Players in APAC (excl. China)

Table 34: APAC (excl. China) Very High Frequency Data Exchange System (VDES) Revenue by Type (2020-2025) & (US\$ Million)

Table 35: APAC (excl. China) Very High Frequency Data Exchange System (VDES) Revenue by Type (2026-2032) & (US\$ Million)

Table 36: APAC (excl. China) Very High Frequency Data Exchange System (VDES) Revenue by Application (2020-2025) & (US\$ Million)

Table 37: APAC (excl. China) Very High Frequency Data Exchange System (VDES) Revenue by Application (2026-2032) & (US\$ Million)

Table 38: APAC (excl. China) Very High Frequency Data Exchange System (VDES) Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 39: APAC (excl. China) Very High Frequency Data Exchange System (VDES) Revenue Market Size by Country (2026-2032) & (US\$ Million)

Table 40: Key Very High Frequency Data Exchange System (VDES) Players in Latin America

Table 41: Latin America Very High Frequency Data Exchange System (VDES) Revenue by Type (2020-2025) & (US\$ Million)

Table 42: Latin America Very High Frequency Data Exchange System (VDES) Revenue by Type (2026-2032) & (US\$ Million)

Table 43: Latin America Very High Frequency Data Exchange System (VDES) Revenue by Application (2020-2025) & (US\$ Million)

Table 44: Latin America Very High Frequency Data Exchange System (VDES) Revenue by Application (2026-2032) & (US\$ Million)

Table 45: Latin America Very High Frequency Data Exchange System (VDES) Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 46: Latin America Very High Frequency Data Exchange System (VDES) Revenue Market Size by Country (2026-2032) & (US\$ Million)

Table 47: Key Very High Frequency Data Exchange System (VDES) Players in Middle East & Africa

Table 48: Middle East & Africa Very High Frequency Data Exchange System (VDES) Revenue by Type (2020-2025) & (US\$ Million)

Table 49: Middle East & Africa Very High Frequency Data Exchange System (VDES) Revenue by Type (2026-2032) & (US\$ Million)

Table 50: Middle East & Africa Very High Frequency Data Exchange System (VDES) Revenue by Application (2020-2025) & (US\$ Million)

Table 51: Middle East & Africa Very High Frequency Data Exchange System (VDES) Revenue by Application (2026-2032) & (US\$ Million)

Table 52: Middle East & Africa Very High Frequency Data Exchange System (VDES) Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 53: Middle East & Africa Very High Frequency Data Exchange System (VDES) Revenue Market Size by Country (2026-2032) & (US\$ Million)

Table 54: Global Very High Frequency Data Exchange System (VDES) Market Revenue by Key Suppliers (2021-2025) & (US\$ Million)

Table 55: Global Very High Frequency Data Exchange System (VDES) Revenue Market Share by Key Suppliers (2021-2025)

Table 56: Global Key Suppliers Headquarter Location and Key Area Sales

Table 57: Market Mergers & Acquisitions, Expansion

Table 58: KONGSBERG Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 59: KONGSBERG Very High Frequency Data Exchange System (VDES) Product

## Portfolio

Table 60: KONGSBERG Very High Frequency Data Exchange System (VDES) Revenue (US\$ Million), Gross Margin and Market Share (2021-2025)

Table 61: Saab Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 62: Saab Very High Frequency Data Exchange System (VDES) Product Portfolio

Table 63: Saab Very High Frequency Data Exchange System (VDES) Revenue (US\$ Million), Gross Margin and Market Share (2021-2025)

Table 64: AAC Clyde Space Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 65: AAC Clyde Space Very High Frequency Data Exchange System (VDES) Product Portfolio

Table 66: AAC Clyde Space Very High Frequency Data Exchange System (VDES) Revenue (US\$ Million), Gross Margin and Market Share (2021-2025)

Table 67: CML Microsystems Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 68: CML Microsystems Very High Frequency Data Exchange System (VDES) Product Portfolio

Table 69: CML Microsystems Very High Frequency Data Exchange System (VDES) Revenue (US\$ Million), Gross Margin and Market Share (2021-2025)

Table 70: ORBCOMM Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 71: ORBCOMM Very High Frequency Data Exchange System (VDES) Product Portfolio

Table 72: ORBCOMM Very High Frequency Data Exchange System (VDES) Revenue (US\$ Million), Gross Margin and Market Share (2021-2025)

Table 73: Rapid Mobile Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 74: Rapid Mobile Very High Frequency Data Exchange System (VDES) Product Portfolio

Table 75: Rapid Mobile Very High Frequency Data Exchange System (VDES) Revenue (US\$ Million), Gross Margin and Market Share (2021-2025)

Table 76: Very High Frequency Data Exchange System (VDES) Typical Customer List

Table 77: Very High Frequency Data Exchange System (VDES) Distributors List

## List Of Figures

### LIST OF FIGURES

Figure 1: Very High Frequency Data Exchange System (VDES) Product Pictures

Figure 2: Less than 25 KHz Picture Scope

Figure 3: Greater than 25 KHz Picture Scope

Figure 4: Maritime Safety Information (MSI) Broadcast Picture Scope

Figure 5: Vessel Traffic Services (VTS) Communications Picture Scope

Figure 6: Search And Rescue (SAR) Communications Picture Scope

Figure 7: Route Exchange Picture Scope

Figure 8: Logistics Picture Scope

Figure 9: Other Picture Scope

Figure 10: Global Very High Frequency Data Exchange System (VDES) Market Size Analysis: 2024 VS 2025 VS 2032 (US\$ Million)

Figure 11: Global Very High Frequency Data Exchange System (VDES) Market Revenue and Growth Rate Analysis: (2020-2032) & (US\$ Million)

Figure 12: Global Very High Frequency Data Exchange System (VDES) Market Size by Region (2020-2032) & (US\$ Million)

Figure 13: Global Very High Frequency Data Exchange System (VDES) Market Share Scenario by Region in Percentage: 2025 Versus 2032

Figure 14: North America Very High Frequency Data Exchange System (VDES) Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 15: North America Very High Frequency Data Exchange System (VDES) Market Share by Players in 2024

Figure 16: North America Very High Frequency Data Exchange System (VDES) Revenue Market Share by Type (2020-2032)

Figure 17: North America Very High Frequency Data Exchange System (VDES) Revenue Market Share by Application (2020-2032)

Figure 18: US Very High Frequency Data Exchange System (VDES) Revenue (2020-2032) & (US\$ Million)

Figure 19: Canada Very High Frequency Data Exchange System (VDES) Revenue (2020-2032) & (US\$ Million)

Figure 20: Europe Very High Frequency Data Exchange System (VDES) Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 21: Europe Very High Frequency Data Exchange System (VDES) Market Share by Players in 2024

Figure 22: Europe Very High Frequency Data Exchange System (VDES) Revenue Market Share by Type (2020-2032)

Figure 23: Europe Very High Frequency Data Exchange System (VDES) Revenue Market Share by Application (2020-2032)

Figure 24: Germany Very High Frequency Data Exchange System (VDES) Revenue (2020-2032) & (US\$ Million)

Figure 25: France Very High Frequency Data Exchange System (VDES) Revenue (2020-2032) & (US\$ Million)

Figure 26: United Kingdom Very High Frequency Data Exchange System (VDES) Revenue (2020-2032) & (US\$ Million)

Figure 27: Italy Very High Frequency Data Exchange System (VDES) Revenue (2020-2032) & (US\$ Million)

Figure 28: Spain Very High Frequency Data Exchange System (VDES) Revenue (2020-2032) & (US\$ Million)

Figure 29: Benelux Very High Frequency Data Exchange System (VDES) Revenue (2020-2032) & (US\$ Million)

Figure 30: China Very High Frequency Data Exchange System (VDES) Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 31: China Very High Frequency Data Exchange System (VDES) Market Share by Players in 2024

Figure 32: China Very High Frequency Data Exchange System (VDES) Revenue Market Share by Type (2020-2032)

Figure 33: China Very High Frequency Data Exchange System (VDES) Revenue Market Share by Application (2020-2032)

Figure 34: APAC (excl. China) Very High Frequency Data Exchange System (VDES) Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 35: APAC (excl. China) Very High Frequency Data Exchange System (VDES) Market Share by Players in 2024

Figure 36: APAC (excl. China) Very High Frequency Data Exchange System (VDES) Revenue Market Share by Type (2020-2032)

Figure 37: APAC (excl. China) Very High Frequency Data Exchange System (VDES) Revenue Market Share by Application (2020-2032)

Figure 38: Japan Very High Frequency Data Exchange System (VDES) Revenue (2020-2032) & (US\$ Million)

Figure 39: South Korea Very High Frequency Data Exchange System (VDES) Revenue (2020-2032) & (US\$ Million)

Figure 40: India Very High Frequency Data Exchange System (VDES) Revenue (2020-2032) & (US\$ Million)

Figure 41: Australia Very High Frequency Data Exchange System (VDES) Revenue (2020-2032) & (US\$ Million)

Figure 42: Southeast Asia Very High Frequency Data Exchange System (VDES)

Revenue (2020-2032) & (US\$ Million)

Figure 43: Latin America Very High Frequency Data Exchange System (VDES) Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 44: Latin America Very High Frequency Data Exchange System (VDES) Market Share by Players in 2024

Figure 45: Latin America Very High Frequency Data Exchange System (VDES) Revenue Market Share by Type (2020-2032)

Figure 46: Latin America Very High Frequency Data Exchange System (VDES) Revenue Market Share by Application (2020-2032)

Figure 47: Mexico Very High Frequency Data Exchange System (VDES) Revenue (2020-2032) & (US\$ Million)

Figure 48: Brazil Very High Frequency Data Exchange System (VDES) Revenue (2020-2032) & (US\$ Million)

Figure 49: Middle East & Africa Very High Frequency Data Exchange System (VDES) Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 50: Middle East & Africa Very High Frequency Data Exchange System (VDES) Market Share by Players in 2024

Figure 51: Middle East & Africa Very High Frequency Data Exchange System (VDES) Revenue Market Share by Type (2020-2032)

Figure 52: Middle East & Africa Very High Frequency Data Exchange System (VDES) Revenue Market Share by Application (2020-2032)

Figure 53: Saudi Arabia Very High Frequency Data Exchange System (VDES) Revenue (2020-2032) & (US\$ Million)

Figure 54: South Africa Very High Frequency Data Exchange System (VDES) Revenue (2020-2032) & (US\$ Million)

Figure 55: Global Very High Frequency Data Exchange System (VDES) Revenue Market Share by Key Suppliers in 2024

Figure 56: Global Very High Frequency Data Exchange System (VDES) Industry Competition Landscape

Figure 57: Very High Frequency Data Exchange System (VDES) Industry Chain Analysis

Figure 58: Bottom-Up and Top-Down Research Methods

Figure 59: Key Interview Objectives

Figure 60: Data Cross Validation

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